

closed perimeter on all sides and an open top, and said channel smaller in all dimensions than said strut, said channel containing a therapeutic agent applied therein; and
wherein said channel has a generally rectangular perimeter.

3 6. In combination:

a stent comprising:

a generally thin walled cylinder, said cylinder containing a plurality of struts, said struts expandable dependent on the amount of force applied to said strut, and said struts having a generally uniform thickness; and a channel formed in at least one of said struts, said channel having a closed perimeter on all sides and an open top, and said channel smaller in all dimensions than said strut, said channel containing a therapeutic agent applied therein; and
wherein said channel has a generally rectangular perimeter; and

wherein said therapeutic agent is rapamycin coated to said channel.

47 *307* 7. The combination of claim 6 wherein said channel is rectangular in shape.

8. A combination comprising a stent of claim 6 containing struts with said channels.

9. The combination of claim 6 wherein said channel is laser cut into said strut.

10. The stent of claim 4 wherein the therapeutic agent is rapamycin. *3*